

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-11. (Cancelled)

12. (Currently Amended) A disk-shaped recording medium comprising a primary recording region for recording a data signal based on a user instruction and a secondary recording region which is located on the side of an internal periphery of said primary recording region,

wherein said primary recording region has a track which wobbles at a first pitch, and along which the data signal is recorded ~~a user is able to record a data signal~~;

wherein said secondary recording region has a track which wobbles at a second pitch different from said first pitch ~~or does not wobble~~, and along which information pits are formed to record a signal representative of primary control information; and

wherein said primary control information in said secondary recording region includes, ~~as data~~, an invalid key information item for inhibiting reproduction of main data encrypted in said primary recording region by using secondary control information illegally recorded in said primary recording region, said secondary control information comprising information for decrypting said main data encrypted in said primary recording region.

13. (Currently Amended) The recording medium of claim 12, wherein said primary control information is prerecorded at the time of manufacture of said recording medium.

14. (Currently Amended) The recording medium of claim 12, wherein said primary control information includes an identification information item representative of the type of said recording medium.

15. (Currently Amended) A reproducing apparatus for the reproduction of main data recorded in said primary recording region of said claim 12 recording medium, said reproducing apparatus comprising:

a pickup for reading a digital signal from said recording medium under rotation;
means for shifting said pickup; and

means for distinguishing if a reproduction location of said recording medium is the track which wobbles at said first pitch or the track which wobbles at said second pitch different from said first pitch ~~or does not wobble~~,

wherein in a case where according to said means for distinguishing the reproduction location of said recording medium, the reproduction location is said primary recording region having said track which wobbles at said first pitch, and the main data encrypted in said primary recording region are being recorded, said pickup is shifted to said secondary recording region by said means for shifting said pickup, and the reproduction of the main data encrypted in said primary recording region by using secondary control information illegally recorded in said primary recording region is inhibited by the invalid key information item included in said primary control information in said secondary recording region.

16. (Previously Presented) The reproducing apparatus of claim 15 further comprising means for spinning said recording medium at a constant linear velocity,

wherein in a case where according to said means for distinguishing the reproduction location of said recording medium, the reproduction location is said track which wobbles at said second pitch or does not wobble, the reproduction of the main data encrypted in said primary recording region is terminated by a key information item included in said control information obtained from a means obtaining said control information.

17. (Previously Presented) The reproducing apparatus of claim 15 further comprising means for spinning said recording medium at a constant linear velocity,

means by which a signal read position by said pickup follows said tracks of said recording medium,

means for generating a tracking error signal from an output of said pickup; and

means for starting reproduction of said main data recorded in said primary recording region.

18. (Currently Amended) The reproducing apparatus of claim 15, wherein said primary control information in said secondary recording region includes an identification information item representative of the type of said recording medium; and

wherein said reproducing apparatus further comprises means for canceling, when said identification information item indicated that recording of a data signal into said primary recording region by a user is possible and, in addition, main data recorded in said primary recording region is encrypted, reproduction of said main data.

19. (Previously Presented) The reproducing apparatus of claim 15, further comprising means for continuing, when main data recorded in said primary recording region is not encrypted, reproduction of said main data.

20. (Previously Presented) The recording medium of claim 12, wherein said control information includes decryption information.

21. (New) The disk-shaped recording medium of claim 14, wherein the medium is an R-type digital video disk.

22. (New) The disk-shaped recording medium of claim 21, wherein false control information is copied into said primary recording region of said R-type digital video disk and genuine control information in said secondary recording region of said R-type digital video disk provides a copy protection scheme.

23. (New) The disk-shaped recording medium of claim 22, wherein said genuine control information in said secondary recording region of said R-type digital video disk comprises an invalid key information item for inhibition of reproduction of encrypted main data when said encrypted main data is copied and recorded in said primary recording region.

24. (New) The disk-shaped recording medium of claim 23, wherein encrypted data is identified by a flag located at the head of each divided section of said main data.

25. (New) The reproducing apparatus of claim 18, wherein the identification information item representative of the type of said recording medium is representative of an R-type digital video disk.

26. (New) The reproducing apparatus of claim 25, further comprising means for detecting false control information copied into said primary recording region of said R-type digital video disk and genuine control information in said secondary recording region of said R-type digital video disk to provide a copy protection scheme.

27. (New) The reproducing apparatus of claim 26, wherein means for detecting genuine control information in said secondary recording region of said R-type digital video disk further comprises means for detecting an invalid key information item for inhibition of reproduction of encrypted main data when said encrypted main data is copied and recorded in said primary recording region.

28. (New) The reproducing apparatus of claim 27, further comprising means for detecting encrypted data by recognizing a flag located at the head of each divided section of main data.